CREATIVE

User's Guide

Rhomba™ NX

User's Guide

Creative Rhomba NX

Information in this document is subject to change without notice and does not represent a commitment on the part of Creative Technology Ltd. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, for any purpose without the written permission of Creative Technology Ltd. The software described in this document is furnished under a license agreement and may be used or copied only in accordance with the terms of the license agreement. It is against the law to copy the software on any other medium except as specifically allowed in the license agreement. The licensee may make one copy of the software for backup purposes.

The Software License Agreement is found in a separate folder on the installation CD.

Copyright © 2004 Creative Technology Ltd. All rights reserved.

Version 1.2

September 2004

MediaSource, EAX and the Creative logo are trademarks or registered trademarks of Creative Technology Ltd. in the United States and/or other countries.

NOMAD is a registered trademark of Aonix and is used by Creative Technology Ltd. and/or its affiliates under license.

Microsoft, MS-DOS, and Windows are registered trademarks of Microsoft Corporation. All rights reserved.

Intel and Pentium are trademarks of Intel Corporation in the U.S. and other countries.

MP3.com and the MP3.com logo are trademarks of MP3.com, Inc.

All other products are trademarks or registered trademarks of their respective owners.

Contents

Contents

Safety and Other Instructions

Caring For Your Player v
Customer Support Services v

Introduction

Before You Begin vii
Package Contents vii
Software Included vii
Creative Media Detector viii
Creative MediaSource viii
Creative MediaSource Player viii
Creative MediaSource Organizer viii
Minimum System Requirements ix
Document Conventions x
Web Information xi
Online Registration xi

1 A Tour of Your Player

Your Player at a Glance 1-1
Using the Scroller 1-4
Scroll Select 1-4

2 Getting Started

Installing Software 2-1
Inserting batteries 2-2
Power Level Indicators 2-3

3 Transferring Tracks or Files

Downloading from the Internet 3-1
Ripping Audio CDs 3-2

4 Using Your Player

Turning Your Player On/Off 4-1
Selecting Your Player's Menu Language 4-1
Playing Audio 4-1
Enabling Modes 4-2
Using FM Mode 4-2
Making Recordings 4-4
Changing the Settings 4-4
Selecting equalizer settings 4-7
Repeating tracks 4-8
Saving a Bookmark 4-8
Editing the playlist 4-9
Deleting tracks 4-10
Changing the LCD settings 4-11
Changing the LED settings 4-12
Changing the FM region 4-12
Enabling the audio track marker 4-12
Changing microphone sensitivity 4-13

Locking and unlocking your player 4-13
Formatting Your Player 4-13

5 Software Applications

About Creative MediaSource 5-1

Appendixes

A General Specifications

Size A-1
Weight A-1
Capacity A-1
Recording time A-1
Battery type A-1
Battery playback time A-1
Interface A-1
Playback Formats A-1
Voice Recording Format A-1
Signal to Noise Ratio A-2
FM Frequency Range A-2
THD A-2
Earphone Output A-2
LCD backlight A-2
Line-in Specs A-2

B Frequently Asked Questions

AutoPlay B-1
General B-2
Usage B-3

Safety and Other Instructions

Safety and Other Instructions

Caring For Your Player

Creative will not be responsible for any loss of data due to any reasons whatsoever, including loss of data due to product breakage or malfunction.

While your player is quite robust, observing these handling procedures will prolong its life:

- Follow the information in this User's Guide only.
- Do not use your earphones at high volume continuously as this may damage your ears.
- Do not shake or vibrate your player excessively as this may damage your player or cause it to malfunction.
- Do not expose the player to high temperature or extreme temperature change.
- Keep the player away from strong magnetic fields.
- Keep the player away from excessive moisture.
- Keep the player away from chemicals like alcohol, polish, or benzene.

Customer Support Services

Visit www.creative.com and go to your region's web site for general help.

Introduction

Introduction

Creative Rhomba NX allows you to play both MP3 and WMA (Windows Media Audio) formats. Its built-in internal memory provides ample capacity to store your favorite music files, and doubles as a storage device for documents, presentations and other data files. The player also has a built-in microphone and an FM radio.

Before You Begin

Package Contents

The package contents listed here may differ from country to country.

- Creative Rhomba NX
- Earphones
- Installation CD including User's Guide (on CD)
- Quick Start leaflet
- Neck strap
- USB cable
- Line In cable
- 2 x AAA alkaline batteries

Software Included

- Creative Media Detector
- Creative MediaSource

Creative Media Detector

Media Detector makes it easy for you to access multimedia content from various internal or external media. There is no need to hunt through a maze of different software to play different types of files.

Media Detector automatically recognizes the insertion of CDs, and connection of external devices like Creative Rhomba NX. Upon recognition, the content in the media will automatically start playing.

Creative MediaSource

Creative MediaSource is your ultimate all-in-one digital entertainment software, designed for playing, creating, organizing and transferring digital music. It includes several applications like the Player and Organizer.

For more information and usage details on Creative MediaSource, refer to its online Help.

Creative MediaSource Player

Unlike other media players, Creative MediaSource Player provides exclusive features (such as SmartFit), specially designed to manage and configure your Creative Rhomba NX more efficiently. With Creative MediaSource Player, you can play back a wide variety of digital audio and video formats such as MP3, WMA, WAV, Audio CD, Midi, VCD, AVI and MPEG-1 on the computer. You can also use the integrated recorder in Creative MediaSource to record audio.

Creative MediaSource Organizer

The Organizer can be considered an extended view of the Player, as it provides additional features to help you manage a huge music library more easily. With it, you can:

- rip Audio CDs and create high quality digital audio files (up to 320 kbps for MP3 and 256 kbps for WMA)
- configure the settings for Creative Rhomba NX while it is plugged-in to Creative MediaSource

- "squeeze" more audio tracks into your player with SmartFit, which employs intelligent track management and WMA compression
- view the contents of your computer and your Creative Rhomba NX using the dual-window transfer panel, convenient for file transfer
- locate songs in a few seconds, just by typing some keywords into the sophisticated music search engine

Minimum System Requirements

The software applications on the installation CD may have higher requirements for basic functionality. Refer to each application's documentation for details

- Microsoft® Windows® XP, Windows Millennium Edition (Me), Windows 2000, or Windows 98 Second Edition (SE)
- Intel® Pentium® II 233 MHz
- CD-ROM drive
- USB 1.1 port
- 128 MB RAM
- 100 MB free hard disk space (more needed for storing audio)
- SVGA graphics adapter (256 colors, 800 x 600 resolution or better)

Document Conventions

We use icons to highlight useful or urgent information for you:

Tip. This tells you about shortcuts or hints relating to a feature.

Note. This highlights additional or important information about a feature.

Caution! This highlights proper usage of your player. Use this information to avoid situations involving risk.

Warning! This warns you of possible hazards to yourself or your player, which may result in injury or damage.

Web Information

When checking on product information, go to your respective region.

Visit www.creative.com regularly for information on:

- firmware updates
- tips and tricks
- frequently asked questions
- documentation updates
- software updates or purchases
- technologies used in your player
- an online glossary

Online Registration

Enjoy a host of benefits by registering your product during installation, or at www.creative.com/register. Benefits include:

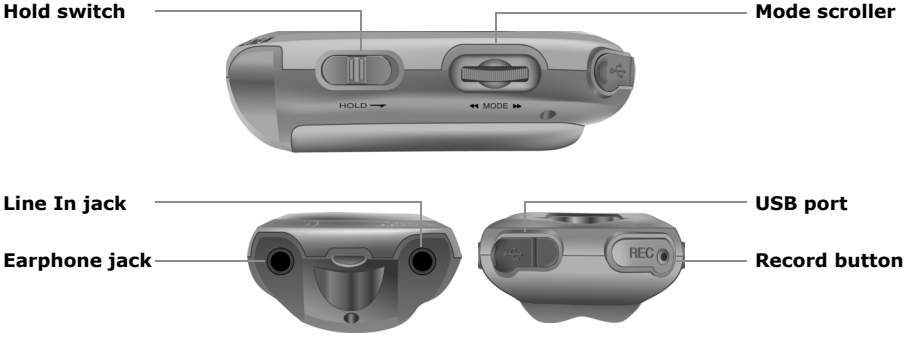
- Service and Product support from Creative.
- Exclusive updates on promotions and events!

1 A Tour of Your Player

A Tour of Your Player

Your Player at a Glance

Front View



Side Views

Button	What It Does	Usage Tips
PLAY/PAUSE	❍ turns the player on and off ❍ starts, pauses or continues playback ❍ changes FM radio presets ❍ recalls menu screen ❍ recalls playback screen	❍ press and hold until player turns on or off
VOLUME/MENU	❍ increases and decreases the volume ❍ scrolls through menu options ❍ selects menu options	❍ push to the right or left to increase or decrease the volume quickly ❍ use the **Volume/Menu** scroller to scroll through menu options and press the **Volume/Menu** scroller to select an option (for more information, see "Using the Scroller" on page 1-4)
RECORD	❍ records voice or FM Radio channels	❍ in Voice or FM Radio mode, press to start or stop recording
HOLD	❍ locks the player buttons so they will not be accidentally pressed	
FOLDER/A-B	❍ repeats a specific section of a track ❍ mutes the audio (in FM Radio mode only) ❍ goes back to the main screen for changing folders	❍ during playback, press once to mark the beginning of a section, and press again to mark the end of the section. The section is repeated automatically. ❍ press and hold to go back to the main folder screen

Button	What It Does	Usage Tips
MODE SCROLLER	❍ selects Music, FM Radio, Voice or Line-In mode ❍ starts or stops playback ❍ goes to the previous or next track ❍ moves ahead or moves back ❍ selects mode options ❍ changes FM radio frequencies ❍ stores or deletes FM presets	❍ during playback, turn the **Mode** scroller to go to the previous or next track ❍ during playback, turn and hold the **Mode** scroller to move ahead or move back within a track ❍ during playback, press the **Mode** scroller to stop playback ❍ press and hold to go back to the main mode screen ❍ use the **Mode** scroller to navigate through folders and press to select a folder ❍ press the **Mode** scroller to store or delete FM presets in FM mode ❍ use the **Mode** scroller to scroll through mode options and press the **Mode** scroller to select an option (for more information, see "Using the Scroller" on page 1-4)

Using the Scroller

Scroll Select

To "Scroll Select", use the scroller to scroll to the option you want, and select the option by pressing the scroller.

The scroller is one of the most important features of your Rhomba NX. In this document, we will use a new term, “Scroll Select”, to indicate that you should use the scroller to scroll through options and then select the option by pressing the scroller.

Depending on the screen you are in, you can have different menu options. You can also choose options from a list.

2 Getting Started

Getting Started

Installing Software

Windows 98 SE users must install the drivers to transfer tracks or files to the player. Windows Me/2000/XP users do not need to do so.

To install the software, Windows 2000/XP users must log in as the computer administrator. For more information, refer to your operating system's online Help.

DO NOT connect your player to your computer before installing the software.

1. Insert the Installation CD into your CD-ROM/DVD-ROM drive.
2. The disc supports Windows Autoplay mode and starts running automatically. If not, you need to enable the Windows auto-insert notification feature for your CD-ROM/DVD-ROM drive. For more details, see "AutoPlay" on page B-1.
3. Follow the instructions on the screen to complete the installation. Creative MediaSource and Windows 98 SE drivers (only if applicable) will be installed on your computer.
4. When prompted, restart your computer.

Inserting batteries

The life of your batteries depends on the type of batteries used. To preserve the life of your batteries, use alkaline batteries.

To preserve your battery's life, do not use old and new batteries together. When changing batteries, change both batteries simultaneously.

1. Turn off your player.
2. Open the battery cover as shown below.

3. Insert the batteries according to the polarity indicated on your player, as shown below.

4. Close the battery cover.

For more information on battery indicators, see "Power Level Indicators" on page 2-3.

Power Level Indicators

When you turn on your player, the LCD screen displays one of the following icons, depending on the battery's status.

Icon	What the icon means	Notes
	❍ your player's battery is full	❍ this battery icon shows that the battery is full
	❍ your player's battery is 30% full	
	❍ your player's battery is empty	❍ when this icon blinks, it indicates that the battery is about to go flat in a few minutes, and that it requires a battery replacement

3 Transferring Tracks or Files

Transferring Tracks or Files

Downloading from the Internet

It may be illegal to encode MP3 files for trade or sale unless you have the express or explicit permission of the copyright holder(s).

To get MP3 files from the Internet, use a search engine to locate sites with MP3 content. You can also try out these sites (web sites listed here are correct at the time of this document's release):

- Walmart.com
  http://musicdownloads.walmart.com
- Buy.com
  http://www.buy.com
- Epitonic.com
  http://www.epitonic.com
- Bestbuy.com
  http://www.bestbuy.com
- Soundbuzz.com
  http://www.soundbuzz.com

Follow the instructions on the site and download the music files to your computer.

Ripping Audio CDs

The first phase in making an MP3 file is extracting audio data from an audio CD. To extract audio data, you will need a CD-ROM drive that can extract digital audio data, and a program known as a ripper. With Creative MediaSource Organizer, you can rip tracks from most audio CDs. This program uses the CD-ROM drive to read the audio tracks from the audio CD and stores it on your hard disk.

The time needed for a successful audio extraction depends on:

- CD-ROM drive speed
- defects, like scratches on the audio CD
- error-checking features on the CD-ROM drive

Encoding is the second phase of making an MP3 file. Encoders are used to convert the stored audio tracks, usually WAV files, into MP3 files. MP3 encoding is a lossy compression methodology where some data is considered inaudible and is removed before encoding. Using the standard sampling rate and bitrates will ensure that your MP3 files retain much of their audio quality. The standard bitrate of most MP3 files is 128 Kbps, although some are set higher, at 160 or 192 Kbps. Higher bitrates will result in larger MP3 file sizes, with better audio quality. Use Creative MediaSource Organizer to extract audio tracks and encode MP3s.

See the Creative MediaSource Organizer online Help for more information.

4 Using Your Player

Using Your Player

Turning Your Player On/Off

To turn on the player

Press and hold the **Play/Pause** button for a few seconds. The **Creative** logo appears on the screen.
If your player contains no audio tracks, the "No File" message appears on the screen.

To turn off the player

Press and hold the **Play/Pause** button for a few seconds until your player turns off.

Selecting Your Player's Menu Language

Your player's default menu language is English. To select another language, follow the instructions below:

1. Press and hold the **Volume/Menu** scroller.
2. Scroll Select the **Setting** icon.
3. Scroll Select the **Language** icon.
4. From the menu, select a language.

Playing Audio

To pause an audio file

Press the **Play/Pause** button.

Stopping an audio file

Press the **Mode** scroller.

To move back or forward within a track

During playback, turn and hold the **Mode** scroller towards the left or right to move back or forward within a track.
When you reach the end of a track, your player stops five seconds after the track.

To repeat a section

1. During playback, press the **Folder/A-B** button once to mark the start of the section you wish to repeat. The '**B**' icon blinks.
2. Press the **Folder/A-B** button again to mark the end of the section. The marked section automatically plays and the **A - B** icon appears on the screen.
3. Press the **Folder/A-B** button again to resume normal play.

Enabling Modes

1. Press and hold the **Mode** scroller until the MP, FM, VOI and ENC icons appear.
2. Scroll Select the mode that you want.

Using FM Mode

To perform an autoscan and autosave

1. Press and hold the **Volume/Menu** scroller.
2. Scroll Select the **Setting** icon.
3. Scroll Select the **FM Autoscan** icon.
4. From the menu, select the **FM Autoscan Yes** icon.
   The player scans and stores the first ten channels it detects.
5. To select a preset channel, press the **Play/Pause** button.

To change the FM frequency

1. In FM mode, turn the **Mode** scroller towards the right to increase the frequency band, or towards the left to decrease the frequency.
2. To perform an autoscan, move the **Mode** scroller towards the right or left, and hold.
3. To select a preset channel, if you have any, press the **Play/Pause** button.
4. To select the next available preset channel, press the **Play/Pause** button again.

To store your FM channel

1. In FM mode, press the **Mode** scroller to select a preset number for FM channel storage. An unused preset number appears on the LCD.
2. Turn the **Mode** scroller towards the right or left to select the preset number you want.
3. Press the **Mode** scroller to select the preset number. The selected preset number is highlighted.
4. To clear a selection, press the **Mode** scroller again.

To replace an existing preset channel

1. In FM mode, turn the **Mode** scroller towards the right to increase the frequency band, or towards the left to decrease the frequency.
2. Press the **Mode** scroller and turn the **Mode** scroller towards the right or left to select the preset number you want to replace. The selected preset number is highlighted.
3. Press the **Mode** scroller to de-select the preset number.
4. Press the **Mode** scroller again to select the preset number.

5. Press the **Play/Pause** button to save new preset channel.

Making Recordings

When recording, the available recording time is determined by:
- available memory space in your player.
- battery power remaining in your player.

Making a voice, FM or Line In recording

1. In VOI, FM or ENC mode, press the **Record** button to start the recording. You can listen to your recording in real-time as it is being recorded.
2. The recording bar appears on the screen.
3. Press the **Record** button again to end the recording.
4. A name is automatically assigned to your recording and is saved as an .MP3 file in your player.
5. The naming conventions typically used are:
   - Voice[Current File Number] for voice recordings
   - FMDAT[Current File Number] for FM recordings
   - Line_[Current File Number] for Line In recordings

Changing the Settings

If you do not select a function within 10 seconds while in Menu mode, the player automatically returns to the previous mode.

Your player has a Menu mode that allows you to change your player settings while in Music, Voice, FM or Encoding mode only.

To select a menu or sub-menu

1. Press and hold the **Menu** scroller.
2. Scroll select a menu.
3. Scroll select a sub-menu.
4. To exit, press the **Play/Pause** button once or twice, depending on the menu or sub-menu you are in.

The table below shows you the **Settings** menu and sub-menus:

Class	Menu	Sub-menu	Default
Settings	❍ FM Region	❍ Asia/USA ❍ Japan, ❍ Europe	❍ Asia/USA
	❍ FM Sensitivity	❍ High. Low	❍ High
	❍ FM Autoscan	❍ Yes ❍ No	❍ No
	❍ Idle Shutdown	❍ Off ❍ 1 min ❍ 5 min ❍ 10 min	❍ 1 min
	❍ Beep sound	❍ On ❍ Off	❍ Off
	❍ Load Default	❍ Yes ❍ No	❍ No
	❍ Format all	❍ Yes ❍ No	❍ No
	❍ Language	❍ English ❍ Korean ❍ Japanese ❍ Traditional Chinese ❍ Simplified Chinese	❍ English

Class	Menu	Sub-menu	Default
Display	❍ Backlight	❍ 3 sec ❍ 5 sec ❍ 10 sec	❍ 3 sec
	❍ LCD contrast	❍ 0 - 10	❍ 5
	❍ LED activity	❍ Equalizer ❍ Beat ❍ Circulate ❍ Off	❍ Off
	❍ Visualizer	❍ Waveform ❍ Spectrum	❍ Spectrum
	❍ Scroller speed	❍ 1x ❍ 2x ❍ 4x	❍ 2x
	❍ Rotate LCD	❍ Left hand ❍ Right hand	❍ Right hand
Music	❍ Repeat mode	❍ None ❍ Repeat track ❍ All ❍ Random repeat ❍ Repeat folder ❍ List repeat	❍ All
	❍ Equalizer	❍ Preset (Jazz, Rock, Classic, Normal, Pop) ❍ 5-band	❍ Normal
	❍ Playlist	❍ Edit ❍ Delete	❍ Edit
	❍ Delete file	❍ Yes ❍ No	❍ No
	❍ Delete bookmark	❍ Yes ❍ No	❍ No

Class	Menu	Sub-menu	Default
Voice	❍ Repeat mode	❍ None ❍ Repeat track ❍ All ❍ Random repeat ❍ List repeat	❍ All
	❍ Mic sensitivity	❍ High ❍ Medium ❍ Low	❍ Low
	❍ Playlist	❍ Edit ❍ Delete	❍ Edit
	❍ Delete bookmark	❍ Yes ❍ No	❍ No
	❍ Delete file	❍ Yes ❍ No	❍ No
	❍ Monitor	❍ On ❍ Off	❍ On

Selecting equalizer settings

1. Press and hold the **Menu** scroller.
2. Scroll select **Music**.
3. Scroll select **Equalizer**.
4. Scroll select the **Equalizer** sub-menu that you want.
5. To exit, press the **Play/Pause** button three times.

Repeating tracks

1. Press and hold the **Menu** scroller.
2. Scroll select **Music** or **Voice**.
3. Scroll select **Repeat Mode**.
4. Scroll select the Repeat sub-menu that you want.
5. To exit, press the **Play/Pause** button three times.

Repeat All mode repeats all folders.

The Repeat settings are applicable within a folder containing the tracks only.

Saving a Bookmark

A bookmark enables you to automatically go to your favorite part of an audio track during playback. This bookmarked position is saved for convenient access until you set a new bookmark. To save a bookmark, follow the instructions below:

1. Press and hold the **Mode** scroller.
2. Scroll Select the **MP3 Mode** or **Voice Mode** icon.
3. Scroll Select a track and press the **Play/Pause** button. When the track reaches the point that you want to bookmark, press and hold the **Record** button. "**B**" appears on the screen.
4. Press the **Record** button to play the audio track from the bookmarked position. To play the track from the bookmarked position in future, select the track marked with "**B**" and press the **Play/Pause** button followed by the **Record** button.

5. To save a new bookmark, repeat steps 1 to 3. Your player stores one bookmark at a time, and any previous bookmark is deleted automatically.

Editing the playlist

To create a playlist

1. Press and hold the **Menu** scroller.
2. Scroll select **Music** or **Voice**.
3. Scroll select **Play List**.
4. Scroll select the **List Edit** sub-menu.
5. Scroll select the track that you want. Repeat this step to select more than one track.
6. To exit, press the **Play/Pause** button.

To delete a playlist

1. Press and hold the **Menu** scroller.
2. Scroll select **Music** or **Voice**.
3. Scroll select **Play List** menu.
4. Scroll select the **List Delete** submenu.
5. To exit, press the **Play/Pause** button.

Deleting tracks

The Format ALL option deletes all data stored in your player's memory. Be careful when using Format ALL.

To delete selected tracks only

1. Press and hold the **Menu** scroller.
2. Scroll select **Music** or **Voice**.
3. Scroll select **Delete File**.
4. Scroll select **Delete Yes**.
   The selected track will be deleted, and you will automatically exit from Menu mode.

To delete all tracks

1. Press and hold the **Menu** scroller.
2. Scroll select the **Setting** menu.
3. Scroll select the **Format All** sub-menu.
   A message to confirm the deletion appears.
4. Scroll select **YES**.
   All tracks and folders are deleted, and you will automatically exit from Menu mode.

Changing the LCD settings

If your player's battery is down to one bar, the backlight may not turn on.

To set the contrast level for your player's screens

1. Press and hold the **Menu** scroller.
2. Scroll select **Display**.
3. Scroll select the LCD Contrast submenu.
4. Use the **Menu** scroller to increase or decrease the LCD contrast. The lower the number, the lower the LCD contrast.
5. To exit, press the **Play/Pause** button three times.

To adjust the screen backlight duration

1. Press and hold the **Menu** scroller.
2. Scroll select **Display**.
3. Scroll select the **Back Light** sub-menu.
4. Scroll Select the backlight duration. A lower number setting conserves battery power for longer playback time.
5. To exit, press the **Play/Pause** button three times.

To turn on the backlight

Press any button. How long the backlight stays on depends on the duration you set in Menu mode.

To change the Visualizer settings

1. Press and hold the **Menu** scroller.
2. Scroll select **Display**.
3. Scroll select **Visualizer**.
4. Scroll select the visual option you want.
5. To exit, press the **Play/Pause** button twice.

Changing the LED settings

Enabling LED may reduce the battery play time.

1. Press and hold the **Menu** scroller.
2. Scroll select **Display**.
3. Scroll select **LED Activity**.
4. Scroll select the LED activity option that you want.
5. To exit, press the **Play/Pause** button twice.

Changing the FM region

1. Press and hold the **Menu** scroller.
2. Scroll select **Setting**.
3. Scroll select **Fm Region**.
4. Scroll select the region you are in.
5. To exit, press the **Play/Pause** button three times.

Enabling the audio track marker

This function places a "beep" sound in between tracks.

1. Press and hold the **Menu** scroller.
2. Scroll select **Setting**.
3. Scroll select **Beep**.
4. Scroll select the **On** or **OFF** option.
5. To exit, press the **Play/Pause** button three times.

Changing microphone sensitivity

A higher microphone sensitivity captures more ambient noise. The recording may not be clear.

1. Press and hold the **Menu** scroller.
2. Scroll select **Voice**.
3. Scroll select **Mic Sensitivity**.
4. Scroll select the option you want.
5. To exit, press the **Play/Pause** button three times.

Locking and unlocking your player

Locking your Rhomba NX will disable all buttons on the player. This feature is useful when you do not want any buttons (for example, Play/Pause) pressed accidentally.

To lock your player

Slide the **Hold** switch in the direction indicated on your player.

To unlock your player

Slide the **Hold** switch in the opposite direction indicated on your player.

Formatting Your Player

You may at times need to clear your player's memory during normal use. Use Windows Explorer to easily clear your player's memory for the efficient transfer, storage and playback of music files.

1. Connect Rhomba NX to your computer.
2. In Windows Explorer, select the drive your player is assigned to, for example, **Removable Disk (F:)** (replace **F:** with the drive letter of your player).
3. Right-click the **Removable Disk** icon and click the **Format** option. The **Format F:** dialog box appears (replace **F:** with the drive letter of your player).
4. Click the **Start** button.
5. After the formatting is complete, make sure you stop your player before disconnecting it from your computer.

For more information about using Windows Explorer, refer to its online Help

5 Software Applications

Software Applications

About Creative MediaSource

To listen to transferred audio tracks, your player must be in Music mode. For more information, refer to "Turning Your Player On/Off" on page 4-1.

Creative MediaSource and other useful software, are included on your Creative Rhomba NX CD.

Creative MediaSource is the best way to organize and transfer your audio to and from your player. You can also use Creative MediaSource to burn your audio CDs.

For usage details, refer to the Creative MediaSource Help.

A General Specifications

General Specifications

Size	❑ 82.1 mm (L) x 44.5 mm (H) x 23.2 mm (W)
Weight	❑ 40 g (without batteries) ❑ 64 g (with batteries)
Capacity	❑ 128, 256 or 512 MB built-in memory (depending on model)
Recording time	❑ up to 2 hrs (for 128 MB model) ❑ up to 4 hrs (for 256 MB model) ❑ up to 8 hrs (for 512 MB model)
Battery type	❑ 2 x AAA alkaline batteries
Battery playback time	❑ Up to 14 hrs
Interface	❑ USB 2.0 (USB 1.1 compatible)
Playback Formats	❑ MP3 (up to 320 kbps) ❑ WMA (up to 256 kbps)
Voice Recording Format	❑ MP3 (128 kbps, 16-bit mono)

Signal to Noise Ratio	❑ up to 90 dB
FM Frequency Range	❑ 76 ~ 108.0 MHz (region selectable)
THD	❑ <0.1%
Earphone Output	❑ 16 mW (L: 8 mW , R: 8 mW)
LCD backlight	❑ Cool Blue EL
Line-in Specs	❑ Input jack = 3.5 mm stereo jack ❑ Input voltage (max) = 1 V (peak to peak) ❑ Input impedence = 12K ohm ❑ Line-in Encoding format = MP3, 128kbps bitrate, 44.1kHz sampling rate, stereo

B Frequently Asked Questions

Frequently Asked Questions

If you have a technical problem with this product, you may wish to consult our selfhelp tool "Knowledge Base" for online troubleshooting and solutions. Go to www.creative.com and select your region.

AutoPlay

What do I do when the installation does not start automatically after the Installation CD is inserted?

The AutoPlay feature in your Windows system may not be enabled.

To start the installation program through the My Computer shortcut menu

1. On your Windows desktop, double-click the **My Computer** icon.
2. Right-click the CD-ROM drive icon, and then click **AutoPlay**.
3. Follow the onscreen instructions.

To enable AutoPlay through Auto Insert Notification

1. Click **Start** -> **Settings** -> **Control Panel**.
2. Double-click the **System** icon. The **System Properties** dialog box appears.
3. Click the **Device Manager** tab and select your CD-ROM drive.
4. Click the **Properties** button.
5. Click the **Settings** tab, and then select **Auto Insert Notification**.
6. Click the **OK** button.

To start the installation program through Windows Explorer

1. In Windows Explorer, search and locate the **d:\ctrun** folder (replace d:\ with the drive letter of your CD-ROM/DVD-ROM drive).
2. Double-click the **start.exe** file.

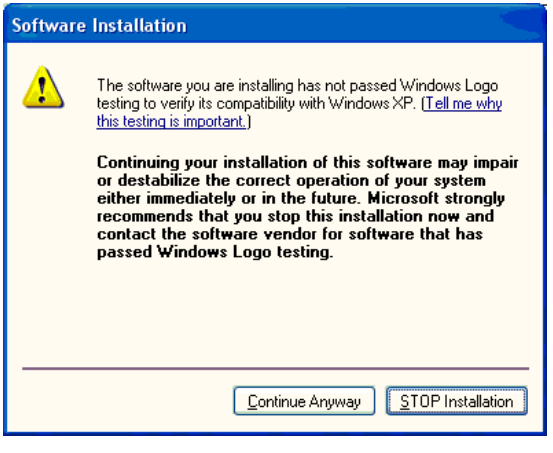
General

Where can I get official information on MP3 Player products?

Visit Creative's web site at **www.creative.com** for updates and downloads relating to all Creative's MP3 players and accessories.

Windows XP tells me that the software for the player is not certified. What do I do?

At the time of this product's release, Microsoft strongly encouraged companies to submit their hardware solutions for certification. If a hardware device driver is not submitted, or does not qualify, for Microsoft certification, a warning message similar to the one below appears.


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

You may see this message when installing this driver or update. If you do, you may choose to click the **Continue Anyway** button. Creative has tested this driver or update on Windows XP, and it does not impair or destabilize your computer.

An error message appears when I connect my player to the computer, using the USB cable.

An error message may appear if your computer does not have a USB 2.0 port, which supports USB 2.0 high speed transfers. Ignore the error message as this does not affect your player's performance.

Usage

After playing a sequence of tracks, the player skips a track.

The player will only play valid formats (.MP3 or .WMA). Other types of files will be skipped.

Files or tracks are corrupted when transferred to the player.

Before removing Rhomba NX from your computer, wait at least 10 seconds after the file/track transfer is complete.

File transfers to the player are very slow (less than 100 kb/sec).

Try clearing your player's memory. For more information, refer to "Formatting Your Player" on page 4-13.

Can I use the player for portable data storage?

Yes, you can.

CREATIVE